



# County of Los Angeles Annual Report for the Municipal Stormwater Permit Order No. R4-2012-0175



*Report Year*  
**2013-2014**

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## Attachments

- A. Counsel Certification on the County's Legal Authority
- B. Summary of Staff Training
- C. Receiving Water Limitations Status Report
- D. 2012 MS4 Permit Implementation

### Sections:

- Discharge Prohibitions
- Watershed Management Programs Activities
- Minimum Control Measures
- Coordinated Integrated Monitoring Program Activities
- 2012 MS4 Permit Attachment E Part XVIII

### Exhibit:

- 1. Upper San Gabriel River EWMP Group Non-Stormwater Screening Report
- E. Summary of Stormwater Education Activities
- F. Post-Wave Analysis for the Used Motor Oil and Oil Filter Recycling Program
- G. Flyer for the Los Angeles County Environmental Education Fair
- H. Sample Analysis of Stormwater Quality Impacts of Projects
- I. Example of Local Storm Water Pollution Prevention Plan

J. Summary of TMDL-Related Activities

Exhibits:

1. Lake Elizabeth Trash TMDL Annual Report
2. Santa Monica Bay Nearshore and Offshore Debris TMDL Annual Report
3. Malibu Creek Watershed Trash TMDL Annual Report
4. Ballona Creek Watershed Trash TMDL Annual Report
5. Marina del Rey Toxic Pollutants TMDL Coordinated Monitoring Plan Report
6. Machado Lake Watershed Trash TMDL Annual Report
7. Year 2 Nutrient Monitoring for the County Unincorporated Area of the Machado Lake Watershed
8. Los Angeles River Watershed Trash TMDL Annual Report

K. Assessment of Program Effectiveness (2001 MS4 Permit Part VI.A.1)

**INDIVIDUAL ANNUAL REPORT FORM**  
**ORDER NO. R4-2012-0175**  
**ATTACHMENT U-4**

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**Los Angeles County Municipal Storm Water Permit (Order 01-182)  
Individual Annual Report Form  
Attachment U-4**

*On December 28, 2012, the Los Angeles Regional Water Quality Control Board adopted Los Angeles County Municipal Separate Storm Sewer System National Pollutant Discharge Elimination Permit (Order No. R4-2012-0175) which replaced Order 01-182. Order No. R4-2012-0175 generally requires the continued implementation of programs under Order 01-182 until approval of applicable Watershed Management and Enhanced Watershed Management Programs. In the absence of a reporting template for Order R4-2012-0175, as directed by Regional Board staff, Form U-4 of Order 01-182 is continuing to be used for reporting until a new reporting template is developed. Furthermore, status of implementation of applicable requirements under Order R4-2012-0175 is provided in Attachment D of this report.*

This form summarizes the requirements in Order No. 01-182. Each Permittee must complete this form in its entirety, except for those requirements applicable only to the Principal Permittee. Only report activities that were performed during the previous fiscal year. Upon completion, this form shall be submitted to the Principal Permittee, by the date specified by the Principal Permittee, for inclusion in the unified Annual Storm Water Program Report. Attachments should be included where necessary to provide sufficient information on program implementation.

The goals of this Report are to: 1) concisely document implementation of the Storm Water Quality Management Program (SQMP) during the past fiscal year; 2) evaluate program results for continuous improvement; 3) determine compliance with Order 01-182; and 4) share this information with other Permittees, municipal decision makers, and the public.

!	YOU MUST FILL OUT ALL THE INFORMATION REQUESTED Do not leave any of the sections blank.
N/A	If the question does not apply to your municipality, please indicate N/A in the space provided and provide a brief explanation
U	If the information requested is currently unavailable, please indicate U in the space provided and give a brief explanation.

This Report Form consists of the following sections:

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## **I. Program Management**

A. Permittee Name: **County of Los Angeles**

B. Permittee Program Supervisor: **Paul Alva**

Title: **Principal Civil Engineer**

Address: **900 South Fremont Avenue**

City: **Alhambra**

Zip Code: **91803**

Phone: **(626) 458-4325**

Fax: **(626) 458-3534**

- C. In the space below, briefly describe how the storm water program is coordinated within your agency's departments and divisions. Include a description of any problems with coordination between departments. To facilitate this, complete the Table 1.

**The Watershed Management Division (WMD) of the Los Angeles County Department of Public Works (LACDPW) coordinates the development and implementation of the programs mandated by the Municipal Separate Storm Sewer System (MS4) Permit throughout the unincorporated areas of Los Angeles County. Each division within LACDPW designates a representative to communicate with WMD to ensure full program implementation. Each County Department also designates a stormwater coordinator to interface with LACDPW.**

**For purposes of this Annual Report, the unincorporated areas of the County of Los Angeles will be referred to as "County."**

**Pursuant to the 2012 MS4 Permit, Attachment A contains a certification by the County's legal counsel that the County has legal authority to implement the requirements of 40 CFR § 122.26(d)(2)(i)(A)-(F) and Regional Board Order No. R4-2012-0175.**

**TABLE 1 - Program Management**

Storm Water Management Activity	Division/Department	# of Individuals Responsible for Implementing
1. Outreach & Education	<b>LACDPW Building and Safety, Geotechnical and Materials Engineering, Survey/Mapping Divisions, and Public Relations Group + Applicable County Departments</b>	<b>40</b>
2. Industrial/Commercial Inspections	<b>LACDPW Building and Safety and Environmental Programs Divisions</b>	<b>163</b>
3. Construction Permits/Inspections	<b>LACDPW Architectural Engineering, Construction, and Building and Safety Divisions + Applicable County Departments</b>	<b>221</b>
4. IC/ID Inspections	<b>LACDPW Road Maintenance and Environmental Programs Divisions + Applicable County Departments</b>	<b>89+contractors</b>
5. Street sweeping	<b>LACDPW Aviation and Road Maintenance Divisions + Applicable County Departments</b>	<b>60+ contractors</b>
6. Catch Basin Cleaning	<b>LACDPW Aviation and Construction Divisions + Applicable County Departments</b>	<b>19+ contractors</b>
7. Spill Response	<b>LACDPW Aviation, Information Technology, and Road Maintenance Divisions + Applicable County Departments</b>	<b>287 + contractors</b>
8. Development Planning (project/SUSMP review and approval)	<b>LACDPW Building and Safety, Environmental Programs, and Land Development Divisions</b>	<b>26</b>
9. Trash Collection	<b>LACDPW Aviation, Operational Services, Programs Development, and Road Maintenance Divisions + Applicable County Departments</b>	<b>294 + contractors</b>

**D. Staff and Training**

Attach a summary of staff training over the last fiscal year. This shall include the staff name, department, type of training, and date of training.

**See Attachment B**



E. Budget Summary

1. Does your municipality have a storm water utility? Yes ☐ No ☒

If no, describe the funding source(s) used to implement the requirements of Order No. 01-182.

**The County's Stormwater Program is funded by several sources, including but not limited to the County of Los Angeles General Fund, Gasoline Tax, Solid Waste Fund, Prop C, and Prop A Local Return Funds.**

2. Are the existing financial resources sufficient to accomplish all required activities? Yes ☒ No ☐
3. Complete Table 2 to the extent that accurate information is available (indicate U in the spaces where the information is unavailable), and report any supplemental dedicated budgets for the same categories on the lines below the table.

**See the next page**

4. List any additional state/federally funded projects related to storm water.

**Used Motor Oil and Oil Filter Recycling Program**

**The County managed the Used Motor Oil and Oil Filter Recycling Program, which was partially funded by the California Department of Resources Recycling and Recovery (CalRecycle).**

**Oxford Retention Basin Enhancement Project**

**The Oxford Retention Basin Enhancement Project is a \$12 million project that is designed to improve circulation within the basin, enhance flood protection, improve the quality of plant and wildlife habitat within the facility, and provide aesthetic and recreational enhancements. On October 18, 2012, the Santa Monica Bay Restoration Commission (SMBRC) Governing Board approved a recommendation to have the State award \$2 million in Proposition 84 funding for portions of this project. In addition, this project was awarded \$1.5 million for the Los Angeles Region's Proposition 84 Implementation Grant. Construction of the project is expected to begin in December 2014.**

TABLE 2

Program Element		Expenditures in Previous Fiscal Year 2013 - 2014	Estimated Amount Needed to Implement Order NO. R4-2012-0175
1.	Program management	661,000	931,000
	a. Administrative costs	1,503,000	1,571,000
	b. Capital costs	7,000	9,000
2.	Public Information and Participation	9,000	10,000
	a. Public Outreach/Education	193,000	200,000
	b. Employee Training	155,000	170,000
	c. Corporate Outreach	0	5,000
	d. Business Assistance	0	5,000
3.	Industrial/Commercial inspection/ site visit activities	592,000	700,000
4.	Development Planning	306,000	421,000
5.	Development Construction	619,000	298,000
	a. Construction inspections	16,000	387,000
6.	Public Agency Activities	818,000	361,000
	a. Maintenance of structural and treatment control BMPs	741,000	810,000
	b. Municipal street sweeping	11,737,000	12,784,000
	c. Catch basin cleaning	172,000	179,000
	d. Trash collection/recycling	8,375,000	9,045,000
	e. Capital costs	5,000	438,000
	f. Others	41,894,000	43,173,000
7.	IC/ID Program	306,000	456,000
	a. Operations and Maintenance	505,000	560,000
	b. Capital costs	0	5,000
8.	Monitoring	6,000	10,000
9.	Other*	8,552,000	8,344,000
10	Total	<b>77,172,000</b>	<b>80,872,000</b>

\* The amount spent on "Other" Program Elements includes costs for WMP, EWMP, and CIMP development and implementation; TMDL and ASBS monitoring and projects; and other projects with water quality benefits.

List any supplemental dedicated budgets for the above categories:

N/A

List any activities that have been contracted out to consultants/other agencies:

- **Project scheduling, construction cost estimating, design, and inspection of capital projects.**
- **Geotechnical investigation, inclusive of material testing, and inspection services, some of which are contracted**
- **CEQA/NEPA environmental studies, some of which are focused on hazardous materials and abatement monitoring**
- **Disposal of used waste tires through a private vendor once they have been removed from equipment**
- **Proper disposal of non-hazardous contaminated soil and water from drilling operations on a quarterly basis inclusive of asphalt binder and asphalt emulsion material by contracted hauler,**
- **Survey construction and monitoring services**
- **Environmental education programs for elementary and secondary schoolchildren**
- **Used motor oil and oil filter recycling program**
- **Portions of the municipal street sweeping, trash collection, and illicit discharge programs**
- **Removal of loose trash from streets and collection of trash from bus stop receptacles**
- **Emergency and non-emergency cleanup of hazardous materials**

## **II. Receiving Water Limitations (Part 2)**

- A. Are you aware, or have you been notified, of any discharges from your MS4 that cause or contribute to a condition of nuisance or to the violation of any applicable water quality standards? Yes ☐ No ☒
- B. Has the Regional Board notified you that discharges from your MS4 are causing or contributing to an exceedance of water quality standards? Yes ☐ No ☒
- C. If you answered Yes to either of the above questions, you must attach a Receiving Water Limitations (RWL) Compliance Report. The Report must include the following:
- A description of the pollutants that are in exceedance and an analysis of possible sources;
  - A plan to comply with the RWL (Permit, Part 2);
  - Changes to the SQMP to eliminate water quality exceedances;
  - Enhanced monitoring to demonstrate compliance; and
  - Results of implementation.

**Although it appears that submittal of an RWL Status Report is no longer required, because of the uncertainty that surrounds this issue, the County is submitting a RWL Status Report for the information of Regional Water Board staff during this transition period between the termination of the 2001 MS4 Permit and its monitoring program and the Regional Water Board's Executive Officer's approval of the Coordinated Integrated Monitoring Programs under the 2012 MS4 Permit. Please see Attachment C for the County's Receiving Water Limitations Status Report.**

### III. SQMP Implementation (Part 3)

A. Has your agency implemented the SQMP and any additional controls necessary to reduce the discharges of pollutants in storm water to the maximum extent practicable? Yes ☒ No ☐

B. If your agency has implemented additional or different controls than described in the countywide SQMP, has your agency developed a local SQMP that reflects the conditions in its jurisdiction and specifies activities being implemented under the appropriate elements described in the countywide SQMP? Yes ☐ No ☐  
**See below.**

C. Describe the status of developing a local SQMP in the box below.

**N/A**

D. If applicable, describe any additional BMPs, in addition to those in the countywide SQMP, that your city has implemented to reduce pollutants in storm water to the maximum extent practicable.

- **The County is participating in two Watershed Management Program groups and 11 Enhanced Watershed Management Program groups following adoption of the 2012 MS4 Permit. Control measures implemented above and beyond the SQMP were discussed in the Notices of Intent submitted to the Regional Board on June 28, 2013. Highlights include:**
- **Automatic Retracting Screens and full capture certified Connector Pipe Screens to reduce trash in stormwater runoff. See Public Agency Activities for more details (Part IV.E.5.d).**
- **A revised Low Impact Development (LID) Ordinance took effect in November 2013 to reduce the volume of runoff and the pollutant loading into receiving waters. A new County of Los Angeles LID Standards Manual was published in February 2014, to provide technical details necessary to implement the LID Ordinance.**
- **A draft Green Streets Policy was completed in June 2013. The County has been incorporating LID elements into its street and road construction projects since 2008. During the current reporting year, three green streets were constructed, namely Woodbury Road Median Landscaping (RDC0015442); 2nd Street, Et Al. (RDC0015812); and Workman Mill Road Landscape Improvements Phase II (RDC0014493).**
- **The County conducted a study in the Ballona Creek Watershed to characterize dry-weather flows and bacteria levels discharging into Centinela Creek from the Ladera Heights and West Fox Hills area of unincorporated Los Angeles County. Project goals include the determination of:**
  - **Where dry weather flows occur in the unincorporated areas of Ladera Heights and West Fox Hills;**
  - **Volumetric flow rates for those area;**
  - **The County's volumetric flow contribution to Centinela Creek for evaluation of the feasibility of a low flow diversion;**

- **Bacteria levels at a key storm drain/channel confluence to gauge compliance with dry weather requirements with respect to applicable TMDLs; and**
- **Bacteria levels associated with different land use categories found within the watershed.**
- **A “Clean Yards Inspection Program” has been in place since 2006 to facilitate proper implementation of good housekeeping BMPs at County’s field facilities that have the potential to contribute to urban and storm water runoff pollution.**

E. Watershed Management Committees (WMCs)

1. Which WMC are you in?

**Since the adoption of the 2012 MS4 Permit, Watershed Management Committees have generally evolved into various WMP and EWMP groups. The County is part of one WMP Group and 11 EWMP Groups as provided in Attachment D.**

2. Who is your designated representative to the WMC?

**N/A**

3. How many WMC meetings did you participate in last year?

**N/A**

4. Describe specific improvements to your storm water management program as a result of WMC meetings.

**N/A**

5. Attach any comments or suggestions regarding your WMC.

**N/A**

F. Storm Water Ordinance

1. Have you adopted a storm water and urban runoff ordinance to enforce all requirements of Order 01-182? If not, describe the status of adopting such an ordinance.

Yes ☒

No ☐

**N/A**

2. If yes, have you already submitted a copy of the ordinance to the Regional Board? If not, please attach a copy to this Report.

Yes ☒

No ☐

3. Were any amendments made to your storm water ordinance during the last fiscal year? If yes, attach a copy of amendments to this Report.

Yes ☐

No ☒

G. Discharge Prohibitions

1. List any non-storm water discharges you feel should be further regulated:

**None at this time. Recommendations may depend on results of the non-storm water screening effort pursuant to the 2012 MS4 Permit as well as information received from drinking water suppliers (see note below and Attachment D).**

2. List any non-storm water discharges you feel should be exempt, and provide an explanation for each:

**None at this time.**

**NOTE: Please see Attachment D for a summary of the actions the County has taken to address the discharge prohibition requirements in the 2012 MS4 Permit.**

#### **IV. Special Provisions (Part 4)**

##### **A. Public Information and Participation (Part 4.B)**

In addition to answering the following questions, attach a summary of all storm water education activities that your agency conducted or participated in last year.

##### **See Attachment E**

##### **1. No Dumping Message**

- a) How many storm drain inlets does your agency own?

**1188 Catch basin openings**

- b) How many storm drain inlets were marked with a no dumping message in the last fiscal year?

**127 Catch basin openings**

- c) What is the total number of storm drain inlets that are legibly marked with a no dumping message?

**1188 (ALL) Catch basin openings**

If this number is less than the number in question 1.b, describe why all inlets have not been marked, the process used to implement this requirement, and the expected completion date.

**N/A**

- d) How many public access points to creeks, channels, and other water bodies within your jurisdiction have been posted with no dumping signage in the past year?

**N/A. The County does not have jurisdiction over public access points to creeks, channels, and other water bodies.**

Describe your agency's status of implementing this requirement by the date required in Order No. 01-182.

**N/A (See answer to previous question.)**

##### **2. Reporting Hotline**

- a) Has your agency established its own hotline for reporting and for general storm water management information? Yes ☒ No ☐

- b) If so, what is the number? 1(888) CLEAN LA (1-888-253-2652)

- c) Is this information listed in the government pages of the telephone book? Yes ☒ No ☐

- d) If no, is your agency coordinated with the countywide hotline? **N/A**

e) Do you keep record of the number of calls received and how they were responded to? Yes ☒ No ☐

f) How many calls were received in the last fiscal year? 27,238

g) Describe the process used to respond to hotline calls.

**The CLEAN LA hotline provides access to pre-recorded information in English and Spanish 24-hours-a-day, 7-day-a-week about illegal dumping, storm water, pollution prevention, water conservation, recycling used motor oil, disposing household hazardous waste and electronic waste, and smart gardening programs. Regardless of the time, illegal dumping calls received at the hotline are routed to LACDPW dispatch operators who log and process the calls. If the call's origin is within areas or facilities that fall under the responsibility of LACDPW (i.e., County unincorporated areas or Los Angeles County Flood Control District facilities), a work order is generated and sent to the appropriate LACDPW staff; otherwise, the information is forwarded to the appropriate MS4 Permittee's operations coordinator. During regular LACDPW business hours, LACDPW's Environmental Programs Division provides live responses to callers in English and Spanish.**

h) Have you provided the Principal Permittee with your current reporting contact information? Yes

i) Have you compiled a list of the general public reporting contacts for all Permittees and posted it on the [www.888CleanLA.com](http://www.888CleanLA.com) web site (Principal Permittee only)? Yes ☐ No ☐ **N/A**

If not, when is this scheduled to occur?

**N/A**

### 3. Outreach and Education

a) Describe the strategy developed to provide outreach and bilingual materials to target ethnic communities. Include an explanation of why each community was chosen as a target, how program effectiveness will be determined, and status of implementation. (Principal Permittee only)

**Although the County was not the Principal Permittee, it jointly implemented several components of the Public Information and Participation Program (PIPP) in partnership with the LACFCD.**

**During the Used Oil Payment Program Cycle Three, the County hosted two used motor oil collection events in the unincorporated areas of South Whittier and Avocado Heights. A total of 590 gallons of used motor oil and 73 used oil filters were collected from 119 residents at those events. An extra drum was also provided at each of those events to collect contaminated oil from residents. As a result, 265 gallons of contaminated used motor oil were collected. In addition, one filter exchange event was conducted at an O'Reilly store in West Carson. A total of 67 gallons of used motor oil and 32 used oil filters were collected from 48 residents during that event. In addition, used motor oil filter pickups were conducted at eight participating O'Reilly stores in County unincorporated areas. A total of 4,750 used oil filters were recycled through the program. Participants who recycled their used motor oil and oil filters received free containers for their used motor oil and used oil filters, shop towels, oil funnels, and a new oil filter in exchange for their old filter.**

The media campaign for the Used Motor Oil and Oil Filter Recycling Program promoted used motor oil/oil filter recycling events through television, radio, and newspaper ads. The campaign targeted Caucasian, African-American, Hispanic, and Chinese populations with the goal of increasing awareness and promoting events hosted by LACDPW. The ads were broadcasted in English, Spanish, and Mandarin. Some of the media outlets employed during the FY 2013-14 campaign include Pasadena Star News, Whittier Daily News, Penny Saver, La Opinion, El Aviso, World Daily Journal, Autoworld Weekly, KMEX, KRCA, KSCA/LA-18, KBUE FM 105.5, and KLAX 97.9. The media campaign achieved approximately 30.7 million paid media impressions and 10.2 million added-value impressions in County unincorporated areas. A post-wave analysis was conducted targeting the general population (Caucasians and African-Americans), Hispanic, and Chinese markets (See Attachment F). The intercept surveys were conducted at the collection events, special events, as well as auto parts stores in Los Angeles County. The results of the post-wave were compared to those from the previous grant cycles in order to measure trends and changes in awareness levels for advertising, Certified Collection Centers (CCC) and hotline usage, other determining factors for used motor oil and used oil filter recycling behavior, and attitude toward the program. The survey results indicated an increase in advertising awareness for the general market (37% to 43%) and decreases for the Hispanic market (67% to 57%) and Chinese market (71% to 32%). CCC usage increased for the general market (68% to 88%) and the Hispanic market (76% to 88%) but decreased for the Chinese market (68% to 48%). For next year, we will strive to increase awareness in the Chinese and Hispanic populations through print and radio advertisements as well as online social media.

Additional outreach efforts were conducted with 21 Community Based Organizations (CBOs) and local businesses during the OPP Cycle 3 including: local government agencies, public libraries, community centers, recycling centers, faith-based organizations, auto-related businesses, and the Los Angeles County Board of Supervisors' district offices. A total of 1,450 flyers were circulated through the CBO campaign, reaching an estimated 46,650 residents in County unincorporated areas.

As a way to promote the used Used Motor Oil and Oil Filter Recycling Program and the household hazardous waste and electronic waste programs, staff hosted a booth in the East Rancho Dominguez Community Fair in East Compton. Approximately 100 people visited the booth. Participants that completed a used motor oil survey were given the opportunity to win a prize. Booth visitors were provided with a Household Hazardous Waste/Electronic Waste schedule, an upcoming recycling event flyer, and a tip sheet on used motor oil and used oil filter recycling.

- b) Did the Principal Permittee organize quarterly Public Outreach Strategy meetings that you were aware of? Yes ☐ No ☐

See below

Despite the fact that there is no longer a "Principal Permittee" under the 2012 MS4 Permit, the LACFCD continued to organize quarterly meetings during the 2013-14 Reporting Year.

How many Public Outreach Strategy meetings did your agency participate in last year?

The County participated in all four quarterly meetings during this reporting period.



Explain why your agency did not attend any or all of the organized meetings.

**N/A**

Identify specific improvements to your storm water education program as a result of these meetings:

**The LACFCD featured guest speakers at the July 31, 2013, November 20, 2013, January 22, 2014, and April 23, 2014, quarterly meetings. Meeting topics included the County's Elementary School Environmental Education, Used Motor Oil and Oil Filter Recycling Public Education, and Household Hazardous Waste/Electronic Waste Collection Programs, the Sheriff's Department Social Media Program, the Plastic Bag Ban, and the 2013 Coastal Cleanup Day event. The LACFCD shared resources such as collateral materials and public outreach strategies with permittees.**

**The quarterly meetings provided a forum for permittees to learn about stormwater pollution prevention public education programs as well as exchange information about programs being offered in various jurisdictions and by non-profit organizations.**

List suggestions to increase the usefulness of quarterly meetings:

**None**

If quarterly Public Outreach Strategy meetings were not organized, explain why not and when this requirement will be implemented (Principal Permittee only).

**N/A**

- c) Approximately how many impressions were made last year on the general public about storm water quality via print, local TV, local radio, or other media?

**43 million impressions**

- d) Describe efforts your agency made to educate local schools on storm water pollution.

**The County (along with the LACFCD) provides resources and programs for in-school stormwater education to students enrolled in grades K-12 through classroom lesson plans, assembly presentations, technical assistance workshops, special events, and special projects. Elementary schoolchildren are reached through the Environmental Defenders Program while secondary schoolchildren are reached through the Generation Earth Program. During the 2013-14 reporting year, the Environmental Defenders Program reached 12,094 students at 21 schools in the unincorporated areas of the County. The contract employed to carry out the Generation Earth Program expired during the reporting year. Consequently, a Request for Proposals was released and a recommendation is being submitted to the Los Angeles County Board of Supervisors for approval. The contract is expected to be awarded during the next reporting period.**

**As part of its efforts to educate schoolchildren on stormwater pollution, the County also served as a member of the steering committee for the annual Los Angeles County Environmental Education Fair (LAEEF) event, which is coordinated by the Los Angeles County Office of Education, other participating agencies, and stakeholders. Approximately 1,800 participants attended the event, which was held on March 8, 2014. See Attachment G.**

- e) Did you provide all schools within each school district in Los Angeles County with materials necessary to educate a minimum of 50 percent of all schoolchildren (K-12) every 2 years on storm water pollution (Principal Permittee only)? Yes ☐ No ☐

If not, explain why.

**N/A**

- f) Describe the strategy developed to measure the effectiveness of in-school educational programs, including assessing students' knowledge of storm water pollution problems and solutions before and after educational efforts (*Principal Permittee only*).

**N/A**

For Permit Years 2-5, attach an assessment of the effectiveness of in-school storm water education programs.

**N/A**

- g) What is the behavioral change target that was developed based on sociological data and other studies (*Principal Permittee only*)?

**N/A**

If no target has been developed, explain why and describe the status of developing a target.

**N/A**

What is the status of meeting the target by the end of Year 10?

**N/A**

#### 4. Pollutant-Specific Outreach

- a) Attach a description of each watershed-specific outreach program that your agency developed (Principal Permittee only). All pollutants listed in Table 1 (Section B.1.d.) must be included.

**N/A**

- b) Did your agency cooperate with the Principal Permittee to develop specific outreach programs to target pollutants in your area? Yes ☒ No ☐

- c) Did your agency help distribute pollutant-specific materials in your city? Yes ☒ No ☐

- d) Describe how your agency has made outreach material available to the general public, schools, community groups, contractors and developers, etc.

**The County made outreach material available at numerous community and outreach events such as the Willowbrook Community Fair in the County's Supervisorial District 2 and the Inspired Garden Artistry events in View Park, Ladera Heights, and Baldwin Hills. Educational materials were also circulated to elementary school students, school administrators, and parents through the County and LACFCD's Environmental Defenders program. Additionally, the County distributed training materials through community based organizations and made educational brochures available at LACDPW's public service counters.**

5. Businesses Program

- a) Briefly describe the Corporate Outreach Program that has been developed to target gas stations and restaurant chains (Principal Permittee only).

**N/A**

- b) How many corporate managers did your agency (*Principal Permittee only*) reach last year?

**N/A**

- c) What is the total number of corporations to be reached through this program (*Principal Permittee only*)?

**N/A**

- d) Is your agency meeting the requirement of reaching all gas station and restaurant corporations once every two years (*Principal Permittee only*)? Yes ☐ No ☐

**N/A**

If not, describe measures that will be taken to fully implement this requirement.

**N/A**

- e) Has your agency developed and/or implemented a Business Assistance Program? Yes ☐ No ☒

If so, briefly describe your agency's program, including the number of businesses assisted, the type of assistance, and an assessment of the program's effectiveness.

**N/A**

6. Did you encourage local radio stations and newspapers to use public service announcements? Yes ☒ No ☐

How many media outlets were contacted?

**All media outlets within the County of Los Angeles were contacted through media wire services and/or direct contact.**

Which newspapers or radio stations ran them?

**Public service announcements and other earned media placements were aggressively pursued as a tactic of the County's Stormwater PIPP. During the reporting period, educational announcements appeared in Autoworld, World Journal Daily, Chinese LA Press, El Aviso, and Taiwan Daily.**

Who was the audience?

**The audience included members of the general public.**

7. Did you supplement the County's media purchase by funding additional media buys? **N/A**

Estimated dollar value/in-kind contribution: **N/A**

Type of media purchased: **N/A**

Frequency of the buys: **N/A**

Did another agency help with the purchase? **N/A**

8. Did you work with local business, the County, or other Permittees to place non-traditional advertising? Yes ☐ No ☒

If so, describe the type of advertising.

**N/A**

9. Did you establish local community partnerships to distribute educational storm water pollution prevention material? Yes ☒ No ☐

Describe the materials that were distributed:

**Through the Community Based Organizations outreach component of the Used Motor Oil and Used Oil Filter Recycling Program, approximately 1,450 flyers promoting used motor oil and used oil filter events were distributed by local businesses, libraries, and community organizations to promote program events.**

Who were the key partners?

**Community Based Organization partners for the Used Motor Oil and Oil Filter Recycling program, which included local government, recycling centers, faith-based organizations, and auto related businesses.**

Who was the audience (businesses, schools, etc.)?

**The audience included members of the general public.**

10. Did you participate in or publicize workshops or community events to discuss storm water pollution? Yes ☒ No ☐

How many events did you attend?

**23**

11. Does your agency have a website that provides storm water pollution prevention information? Yes ☒ No ☐

If so, what is the address?

**www.CleanLA.com**

12. Has awareness increased in your community regarding storm water pollution? Yes ☒ No ☐

Do you feel that behaviors have changed? Yes ☒ No ☐

Explain the basis for your answers. Include a description of any evaluation methods that are used to determine the effectiveness of your agency's outreach.

**Awareness and knowledge about the causes of pollution increased among County residents. A positive behavior change was also observed among County residents. This was indicated by the results of the post-wave analysis of the Used Motor Oil and Used Oil Filter Recycling Program, which showed that awareness about recycling used motor oil/oil filters increased for the General Market and that Certified Collection Center usage increased for the General and Hispanic markets.**

13. How would you modify the storm water public education program to improve it on the City or County level?

**The County is currently developing a modified PIPP pursuant to the 2012 MS4 Permit.**

**B. Industrial/Commercial Facilities Program**

**1. Critical Source Inventory Database**

Did you (individually or jointly) update the Database for Critical Sources Inventory?

Yes ☒

No ☐

Comments/Explanation/Conclusion:

**The County continuously updates its Hazardous Material Systems (HMS) database for the Critical Sources Inventory. This involves adding new businesses and “closing” files for the sites where business operations have changed and where there is no discharge. Information is obtained from various resources, including County’s Industrial Water Pretreatment and Hazardous Materials Underground Storage Tank Programs, the County’s Department of Public Health, the County’s Treasurer and Tax Collector, the internet, and inspectors in the field. After each inspection, inspectors update the database as to the ownership, current business operations, and the results of the inspection.**

**2. Inspection Program**

Provide the reporting data as suggested in the following tables.

Category	Initial Number of Facilities at the start of cycle proposed for inspection by categories (after the initial year, the updated number based on the new data)	Number of facilities inspected in the current reporting year	% Completed at the time of this report for present cycle (from the initial value, and from the updated value after first cycle)	Total number since permit adoption
Landfills	4	0	0	4
TSDf	0	0	0	0
Auto*	704	506	72	644
RGO	150	150	100	295
Restaurants	1,107	961	87	1,350
Tier 1	398	178	45	399
Tier 2	553	349	63	612
Mandatory	0	0	0	0

Comments/Explanation/Conclusion:

**\*Includes auto dealer, auto repair, and auto body facilities within County jurisdiction.**

### 3. BMPs Implementation

Provide the reporting data as suggested in the following table.

Category	Number of facilities inspected by category in this reporting year	Number of facilities identified as adequately implementing BMPs as specified in this reporting year	% adequately implementing out of total in this reporting year	Number of facilities required to implement or upgrade in this reporting year	Number of facilities inspected by category in this reporting cycle	Number of facilities identified as adequately implementing BMPs as specified in this reporting cycle	% adequately implementing out of total in this reporting cycle	Number of facilities required to implement or upgrade in this reporting cycle	Total Number during this permit adequately implementing	Total Number during this permit required to implement or upgrade
Landfills	0	0	0	0	0	0	0	0	3	1
TSDf	0	0	0	0	0	0	0	0	0	0
Auto	506	434	86	72	506	434	86	72	544	100
RGO	150	129	86	21	150	129	86	21	245	50
Restaurant	961	844	88	108	961	844	88	108	1,195	146
Tier 1	178	140	79	38	178	140	79	38	288	111
Tier 2	349	297	85	52	349	297	85	52	491	121
Mandatory	0	0	0	0	0	0	0	0	0	0

Comments/Explanation /Conclusion:

**None**

4. Enforcement Activities

Provide the reporting data as suggested in the following tables.

Enforcement Actions by categories (e.g. Warning letter, NOV, referral to D.A., etc.)	Number of facilities issued enforcement actions in the current reporting year	Number of facilities issued enforcement actions in the current reporting cycle	Number of facilities (re)inspected due to enforcement actions in current reporting year	Number of facilities (re)inspected due to enforcement actions in current reporting cycle	Number of facilities brought into compliance in the current reporting year	Number of facilities brought into compliance in current reporting cycle	Total number of enforcement actions since permit adoption (by category)
Information Notice	0	0	0	0	0	0	0
Notice of Non-Compliance	0	0	0	0	0	0	0
Notice of Violation	24	24	17	17	7	7	28
Referral	9	9	9	9	9	9	9
Other	0	0	0	0	0	0	0

Facilities by category	Number of Warning letters	Number of NOVs	Number of Referral	Number of Other
Landfills	0	0	0	N/A
Auto	0	6	0	N/A
RGO	0	0	0	N/A
Restaurants	0	9	0	N/A
Tier 1	0	6	2	N/A
Tier 2	0	3	7	N/A
Mandatory	0	0	0	N/A

Comments/Explanation /Conclusion:

**None**

5. Program Implementation Effectiveness Assessment

Please give a brief assessment of the implementation of the program in removing pollutants from the storm water discharges. Please provide an explanation. Suggested improvements or adjustments based on the knowledge gained through this reporting period activities must be reflected in a change in the SQMP, if warranted.

Highly Effective ☐      Somewhat Effective ☒      Non-effective ☐

Comments/Explanation/Conclusion:

**The current effectiveness assessment is subjective.**

6. You must also submit a quarterly electronic submittal of your Industrial/Commercial Facilities Program activities.

**Quarterly electronic submittals of Industrial/Commercial Facilities Program activities are not required by the 2001 MS4 Permit nor the 2012 MS4 Permit.**

C. Development Planning Program (Part 4.D)

1. Does your agency have a process to minimize impacts from storm water and urban runoff on the biological integrity of natural drainage systems and water bodies in accordance with requirements under CEQA, Section 404 of the CWA, local ordinances, and other legal authorities?      Yes ☒      No ☐

Attach examples showing how storm water quality impacts were addressed in environmental documents for projects over the past year.

**Attachment H provides an example**

2. Does your agency have procedures to include the following requirements in all priority development and redevelopment projects:
- a) Maximize the percentage of permeable surfaces to allow more percolation of storm water into the ground?      Yes ☒      No ☐
- b) Minimize the quantity of storm water directed to impermeable surfaces and the MS4?      Yes ☒      No ☐
- c) Minimize pollution emanating from parking lots through the use of appropriate treatment control BMPs and good housekeeping practices?      Yes ☒      No ☐
- d) Provide for appropriate permanent measures to reduce storm water pollutant loads from the development site?      Yes ☒      No ☐
3. List the types and numbers of BMPs that your agency required for priority projects to meet the requirements described above.
- **Bioretention**
  - **Cam Lock Debris Gate**
  - **Drain Inserts**
  - **Efficient Irrigation**
  - **Fossil Filter Catch Basin Inserts**
  - **Fueling Areas**
  - **Grass Pavers Porous Pavement**
  - **Hydroseeding slopes post grading**



- Implementation of Low Impact Development features such as bioswales
  - Infiltration Systems
  - Infiltration Trenches
  - Installation of underground storm water filtration systems.
  - Pervious Pavement
  - Planter Box
  - Rain Gardens
  - Roof Runoff Controls
  - Site Design and Landscaping Planning
  - Storm Drain Signage
  - Stormwater filters
  - Trash Storage Areas
  - Treatment structures
  - Use of pervious materials such as decomposed granite
  - Use of porous pavement and/or pavers on parking lots and hardscape
  - Water Clarifiers at catch basins and drains located in parking lots
  - Water Retention Basins designed into landscape
4. Describe the status of the development or implementation of peak flow controls in Natural Drainage Systems.

**The County adopted its revised LID Ordinance in 2013 and published an associated LID Standards Manual in February 2014. The LID Ordinance includes hydromodification requirements that control flows in natural drainage systems for all new and re-development projects within the unincorporated areas of the County (unless exempt per the ordinance).**

5. Has your agency amended codes and/or ordinances to give legal effect to the SUSMP changes required in the Permit?

**Yes.**

6. Describe the process your agency uses to include SUSMP design standards in new development and redevelopment project approvals.

**SUSMP has been replaced by LID design standards under the 2012 MS4 Permit. Approvals of applicable new- and re-development projects during this reporting period were subject to the new LID design standards. The County's updated process is described in the *County of Los Angeles Low Impact Development Standards Manual* dated February 2014.**

7. How many of each of the following projects did your agency review and condition to meet SUSMP requirements last year?

**Certain projects were grandfathered and were conditioned with SUSMP as opposed to LID requirements. The following is a summary of projects conditioned to meet SUSMP and LID requirements during the 2013-2014 Reporting Year.**

	SUSMP	LID
a) Residential	8	4
b) Commercial	3	3
c) Industrial	1	1
d) Automotive Service Facilities	0	0
e) Retail Gasoline Outlets	1	0
f) Restaurants	0	0
g) Parking Lots	3	4
h) Projects located in or directly adjacent to or discharging directly to an environmentally sensitive area	0	0
i) Total number of permits issued to priority projects	9	18

8. What is the percentage of total development projects that were conditioned to meet SUSMP requirements?

**All development projects that were allowed to meet SUSMP requirements due to grandfathering and were conditioned during the reporting year were conditioned to meet SUSMP requirements. All development projects that were required to meet LID requirements were conditioned to meet LID requirements.**

9. How has your agency prepared to reduce the SUSMP threshold for industrial/commercial facilities to 1 acre from 100,000 square feet in 2003?

**Every project that applies for a building permit is subject to the 1 acre threshold. All of our review sheets indicate that threshold.**

10. After 2003, how many additional projects per year will require/did require implementation of SUSMP requirements as a result of the lower threshold?

**N/A**

11. Does your agency participate in an approved regional or sub-regional storm water mitigation program to substitute in part or wholly SUSMP requirements for new development?

**No.**

12. Has your agency modified its planning procedures for preparing and reviewing CEQA documents to consider potential storm water quality impacts and provide for appropriate mitigation?

**Yes.**

13. Did your agency update any of the following General Plan elements in the past year?

- |                 |                              |  |
|-----------------|------------------------------|--|
| a) Land Use     | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| b) Housing      | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| c) Conservation | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| d) Open Space   | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |

If yes, please describe how watershed and storm water quality and quantity management considerations were included.

**The County is in the process of comprehensively updating its General Plan. The update includes the revision of all the aforementioned elements. It is anticipated that the updated General Plan will be approved by the County's Board of Supervisors in Spring of 2015.**

14. How many targeted staff were trained last year? **241**

15. How many targeted staff are trained annually? **About 200 to 300**

16. What percentage of total staff are trained annually? **90%**

17. Has your agency developed and made available development planning guidelines?

**Yes.**

18. If no, what is the expected date that guidelines will be developed and available to developers?

**N/A**

19. What is the status of completion of the technical manual for siting and design of BMPs for the development community?

**Effective February 2014, the BMP Technical Manual was superseded by a LID Standards Manual which provides the technical details necessary to implement the new LID requirements under the 2012 MS4 Permit.**

#### D. Development Construction Program

1. Describe your agency's program to control runoff from construction activity at all construction sites within its jurisdiction.

**Prior to grading permit approval, applicants are required to prepare a Wet Weather Erosion and Sediment Control Plan and/or a Local Storm Water Pollution Prevention Plan (SWPPP) and a SWPPP. BMP notes are added on all storm drain, road, sewer, and grading plans and the owner/engineer is required to sign a statement of understanding. Approved copies are kept at construction sites.**

2. Does your agency require the preparation, submittal, and implementation of a Local Storm Water Pollution Prevention Plan (Local SWPPP) prior to the issuance of a grading permit for all sites that meet one or all of the following criteria?

- a) Will result in soil disturbance of one acre or greater Yes ☒ No ☐  
b) Is within, directly adjacent to, or is discharging directly to an environmentally sensitive area Yes ☒ No ☐  
c) Is located in a hillside area Yes ☒ No ☐

3. Attach one example of a local SWPPP

**See Attachment I**

4. Describe the process your agency uses to require proof of filing a Notice of Intent for coverage under the State General Construction Activity Storm Water permit and a certification that a SWPPP has been prepared prior to issuing a grading permit?

**As proof of filing an Notice of Intent, the County requires the following information to be submitted prior to all grading plan approvals:**

**1. A copy of the filed Notice of Intent**

**2. The issued WDID number**

**3. The Local SWPPP**

5. How many building/grading permits were issued to sites requiring Local SWPPPs last year? **36**  
6. How many building/grading permits were issued to sites requiring coverage under the General Construction Activities Storm Water Permit last year? **36**  
7. How many building/grading permits were issued to construction site less than one acre in size last year? **2,738**  
8. How many construction sites were inspected during the last wet season? **2,774**  
9. Complete the table below.

Type of Violation	# of Violations	% of Total Inspections	# of Follow-up Inspections	# of Enforcement Actions
Off-site discharge of sediment	<b>78</b>	<b>2.8%</b>	<b>97</b>	<b>7</b>
Off-site discharge of other pollutants	<b>6</b>	<b>0.2%</b>	<b>8</b>	<b>1</b>
No or inadequate SWPPP	<b>64</b>	<b>2.3%</b>	<b>78</b>	<b>7</b>
Inadequate BMP/SWPPP implementation	<b>52</b>	<b>1.9%</b>	<b>54</b>	<b>15</b>

10. Describe the process for taking enforcement actions against construction site violations, including the types of actions that are taken.

**Enforcement of violations is performed in the following order: Warnings, Stop-Work Notices, office meetings, recording of Notices of Violation, referrals to the Regional Water Quality Control Board, and fines (or nonpayment of general contractor's invoices if the project is a County project) until compliance is achieved.**

11. Describe the system that your agency uses to track the issuance of grading permits.

**The County uses a computer database to track all single lot and subdivision projects for which it issues a grading permit. The projects are categorized according to disturbed/graded area in acres.**

E. Public Agency Activities (Part 4.F)

1. Sewage System Maintenance, Overflow, and Spill Prevention (only applicable to agencies that own and/or operate a sanitary sewer system)

a) Has your agency developed and implemented a response plan for sanitary sewer overflows that includes the requirements in Order 01-182? Yes ☒ No ☐

b) How many sanitary sewer overflows occurred within your jurisdiction? **94**

c) How many did your agency respond to? **See below**

**The County responded to all 94 overflows within the County's jurisdiction, 3 overflows in others' jurisdiction, and 9 private sewer overflows.**

d) Did your agency investigate all complaints received? Yes ☒ No ☐

e) How many complaints were received? **614**

f) Upon notification, did your agency immediately respond to overflows by containment? Yes ☒ No ☐

g) Did your agency notify appropriate sewer and public health agencies when a sewer overflowed to the MS4? Yes ☒ No ☐

h) Did your agency implement a program to prevent sewage spills or leaks from sewage facilities from entering the MS4? Yes ☒ No ☐

If so, describe the program:

**Sewage spills are contained by sand bags, sand berms, and adsorbent circular tubes/socks. Hydro – Vactor trucks are used to pick up and return the material to the sewer collection system.**

i) Did your agency implement a program to identify, repair, and remediate sanitary sewer blockages, exfiltration, overflow, and wet weather overflows from sanitary sewers to the MS4? Yes ☒ No ☐

If so, describe the program:

**The Consolidated Sewer Maintenance District (CSMD) of Los Angeles County serves the unincorporated area of the County and 39 cities. The CSMD is administered by LACDPW. Two programs are employed to address the issues discussed in the question.**

**“Preventive Maintenance” Program**

**The objectives of the “Preventive Maintenance” program are to protect the health and welfare of the community by insuring the continuous uninterrupted operation of the public sewer system and to protect the storm drain system and receiving waters from the impact of sewage overflow. The “Preventive Maintenance” program consists of regular inspection and periodic maintenance of the sewer**

system and appurtenances as summarized below.

As part of this program, all sewer manholes are visually inspected approximately every six months. Sewer inspection typically involves examining the pipe at a manhole to observe flow conditions. Flow is checked for depth (which should be less than  $\frac{1}{2}$  pipe diameter), smoothness, and restrictions for stoppages. Abnormal flow conditions are scheduled for cleaning to restore normal flow.

LACDPW operates a 24-hour, toll-free emergency Hotline (1-800-675-HELP) for use by County staff, cities, and the public in reporting incidents. Calls received are immediately dispatched to the appropriate LACDPW personnel for investigation and resolution. During weekday working hours, calls are dispatched to the CSMD yard that is closest to the reported incident. For evenings, weekends, and holidays, the CSMD designates a maintenance crew to be available or "on-call" to respond to incidents. All complaints are investigated and immediate corrective actions are taken.

Materials impeding flow in the pipe are noted and recurring problems are placed on a periodic maintenance schedule to prevent further reoccurrences. When problems cannot be resolved by cleaning or periodic maintenance, sewer pipes are typically video-inspected using a closed circuit television (CCTV) camera to determine the underlying cause of the problem (i.e., structural failure, illegal discharge, inflow/infiltration, etc.). Based on the results of the video inspection, future actions to remedy the situation may be taken. This could include replacement or rehabilitation of the segment of pipe.

#### **Condition Assessment Program**

The primary objectives of this program are to perform CCTV inspections and structurally rate approximately 500 miles of sewer infrastructure each year.

The televising is prioritized to focus on those sewers with the most potential for repair needs. Maintenance history, past overflow records, sewer locations, and age are some of the factors used to prioritize the televising schedule.

LACDPW utilizes a digital video pipeline inspection system. This system allows for the most consistent and thorough collection of data. Under this system, a CCTV van crew gathers video and data for each pipe segment to identify any deficiencies. Engineers review the tapes and video logs to determine if the sewer facilities should be repaired or replaced immediately, or scheduled for future improvements.

In 1987, the County Board of Supervisors established the Accumulative Capital Outlay Fund (ACO) to finance the repair or replacement of any structurally deficient sections of the collection sewer system for the CSMD. Under this program 135 miles of deteriorated sewer lines and 16 pump stations have been rehabilitated. Sewer facilities identified through the CSMD's Condition Assessment Program are also prioritized and included in the list of projects to be financed with ACO.

## **2. Public Construction Activities Management**

- |  |             |
|--|-------------|
| a) What percentage of public construction sites 5 acres or greater in size did your agency obtain coverage under the State of California General Construction Activities Storm Water Discharge Permit? | <b>100%</b> |
|--|-------------|

- b) Give an explanation for any sites greater than 5 acres that were not covered:

**N/A**

- c) What is the total number of active public construction sites? **98**

How many were 5 acres or greater in size? **23**

- d) (After March, 2003) Did your agency obtain coverage under the State of California General Construction Activities Storm Water Discharge Permit coverage for public construction sites for sites one acre or greater? Yes ☒ No ☐

3. Vehicle Maintenance/Material Storage Facilities/Corporation Yards Management

- a) Did your agency implement pollution prevention plans for each public vehicle maintenance facility, material storage facility, and corporation yard? Yes ☒ No ☐

- b) Briefly describe how your agency implements the following, and any additional, BMPs to minimize pollutant discharges in storm water:

**(1) Good housekeeping practices**

All County facilities implement appropriate good housekeeping BMPs to minimize pollution. For example, storm drain inlets and facility grounds are routinely maintained to remain debris-free. County-owned airports conduct daily inspections to ensure they are kept debris-free. In addition, regular communications with on-site, contracted airport managers and airport personnel is maintained.

Parking lots are inspected twice a month and swept at least once a month. Staff are trained regularly through routine tailgate meetings where good housekeeping practices and record keeping are discussed. In addition, internal inspections are conducted regularly, above and beyond the permit requirements.

**(2) Material storage control**

Materials are stored indoors where possible. When materials are stored outdoors, the County implements appropriate BMPs for outdoor materials storage, such as covering materials with tarps or canopies. Where appropriate, berms are installed to prevent displacement due to runoff.

All hazardous waste storage areas are equipped with proper containments and routinely monitored according to policy. Hazardous waste is collected regularly by a licensed contractor. Staff are trained regularly on proper storage and disposal of waste materials indoors and outdoors.

**(3) Vehicle leaks and spill control**

Auto fueling and repair areas are equipped with spill kits. Drip pans, absorbent pads, and kitty litter (powdered clay) are used under leaky vehicles until necessary repairs are completed. Liquid spills are prevented by secondary containment. Maintenance facilities have added spill pans underneath permanent parking stalls for maintenance trucks. Wastes are properly labeled and separated. Education and spill response plans are placed at pertinent facilities and employees are trained regularly to ensure they know

the proper procedures.

**(4) Illicit discharge control**

**Sand bags or other containment devices are placed around catch basin inlets at storage facilities to prevent illicit discharges. Staff receive regular training on preventing and responding to illicit discharges. Response protocols are currently being compiled and documented in a procedural manual.**

- c) Are all Permittee owned and/or operated vehicle/equipment wash areas self-contained, covered, equipped with a clarifier, and properly connected to the sanitary sewer? Yes ☒ No ☐

If not, what is the status of implementing this requirement?

**Maintenance yards have self-contained, covered vehicle/equipment wash areas equipped with clarifiers that are connected to the sanitary sewer. For facilities located in areas without a sewer system such as Malibu, crews capture and pump wash water into a holding tank and contact a vendor for proper disposal. When necessary, vehicles are taken to a local car wash or to another maintenance yard with a properly equipped wash area or a waste water clarifier. County-owned airports are equipped with special Sanitation District-approved wash facilities for aircraft.**

- d) How many Permittee owned and/or operated vehicle/equipment wash areas are scheduled to be redeveloped to include the BMPs listed above?

**0**

**4. Landscape and Recreational Facilities Management**

- a) Has your agency developed a standardized protocol for the routine and non-routine application of pesticides, herbicides (including pre-emergents), and fertilizers? Yes ☒ No ☐

Briefly describe this protocol:

**The County follows all Federal, State, and local laws pertaining to the purchase, storage, and use of pesticides and herbicides. The County's Department of Agricultural Commissioner/Weights and Measures (ACWM) provides training and certifies pertinent County personnel in pesticide application on ground surfaces. In some cases, the ACWM is contracted by County Departments for pesticide and herbicide application. In other instances, outside licensed vendors or landscaping contractors are retained. They are required to follow all applicable laws, regulations, and protocols as described in their contracts. All the County airports have personnel trained and certified in the application of herbicides on or near the airports. In the case of waste water treatment plants, operators use an EPA approved pesticide/germicide.**

**Pursuant to the 2012 MS4 Permit, the County is currently developing an Integrated Pest Management Program.**



- b) How does your agency ensure that there is no application of pesticides or fertilizers immediately before, during, or immediately after a rain event or when water is flowing off the area to be applied?

**Maintenance supervisors oversee the timing of these applications to avoid potential discharges due to rain or sprinklers. Staff are trained on the proper use and storage of pesticides, herbicides, and fertilizers. Spraying activities are scheduled well in advance and only during dry weather with no rain in the forecast. Contractors are required to follow the same protocols, which are included in construction documents, plans, and specifications.**

- c) Are any banned pesticides, herbicides, fungicides, or rodenticides stored or applied in your agency's jurisdiction that you know of? Yes ☐ No ☒

If so, list them:

**N/A**

- d) What percentage of your agency's staff that apply pesticides are certified by the California Department of Food and Agriculture, or are under the direct supervision of a certified pesticide applicator? 100%

- e) Describe procedures your agency has implemented to encourage retention and planting of native vegetation and to reduce water, fertilizer, and pesticide needs:

**The County typically incorporates drought tolerant plants, native vegetation and other vegetative species known to thrive in the southern California climate zone into landscaping projects. In most cases mulch is used to retain moisture and prevent weed growth. The County developed a Master Tree list to aid in the selection of native vegetation or other species that are drought resistant or are known to thrive in particular climate zones. In certain areas, the County practices xeriscaping, and uses artificial turf wherever sod needs to be replaced.**

**Finally, all the County's capital projects include in their construction plans and specifications the implementation of County ordinances for Green Building, Low Impact Development, and Drought-Tolerant Landscaping.**

5. Storm Drain Operation and Management

- a) Did your agency designate catch basin inlets within its jurisdiction as Priority A; Priority B; and Priority C? Yes ☒ No ☐

- b) How many of each designation exist in your jurisdiction?

Priority A: 0

Priority B: 0

Priority C: 1,188

- c) Is your city subject to a trash TMDL? Yes ☒ No ☐

- d) If yes, describe the activities and/or implementation measures that your agency conducted pursuant to the TMDL and any other trash reduction efforts that occurred.

**The County is subject to several trash TMDLs. As part of its efforts to comply, the County is implementing its Trash TMDL Full Compliance Catch Basin Retrofit Project, the Phase 7 for which was completed in March 2014. During this reporting year, the County also worked on the design of Phase 8; construction of Phase 8 is expected to begin during the 2014-2015 reporting year. See Attachment J and the following summary of the actions taken by the County.**

- Lake Elizabeth, Munz Lake, and Lake Hughes Trash TMDL – Phase 8 of the Trash TMDL Full Catch Basin Retrofit Project will include installation of Connector Pipe Screen (CPS) devices in the remaining County catch basin. See Exhibit 1 of Attachment J for the Annual Compliance Report for this TMDL.
- Santa Monica Bay Nearshore and Offshore Debris TMDL - Phase 8 of the Trash TMDL Full Catch Basin Retrofit Project will include installation of 142 CPS devices is included in the Phase 8 Project. See Exhibit 2 of Attachment J for the Annual Compliance Report for this TMDL.
- Malibu Creek Watershed Trash TMDL - Phase 8 of the Trash TMDL Full Catch Basin Retrofit Project will include installation of 85 CPS devices. See Exhibit 3 of Attachment J for the Annual Compliance Report for this TMDL.
- Ballona Creek Trash TMDL – See Exhibit 4 of Attachment J the Annual Compliance Report for this TMDL.
- Machado Lake Trash TMDL – Phase 7 of the Trash TMDL Full Catch Basin Retrofit Project included the installation of 9 CPS devices. Phase 8 of the Project will include the installation of 23 CPS. See Exhibit 6 of Attachment J for the Annual Compliance Report for additional details.
- Los Angeles River Watershed Trash TMDL – See Exhibit 8 of Attachment J for the Annual Compliance Report for this TMDL.
- Legg Lake Trash TMDL - The County of Los Angeles Department of Parks and Recreation is implementing the Minimum Frequency Assessment and Collection (MFAC) at Legg Lake and submitted the annual report on March 6, 2014.

During this reporting year, the County also took the following trash reducing actions:

- As noted above, the County worked on the design of Phase 8 of the Trash TMDL Full Compliance Catch Basin Retrofit Project. Phase 8 will address areas not subject to Trash TMDLs, including the Dominguez Channel, San Gabriel River, Santa Clara River, and Santa Monica Bay Watersheds. Within the Santa Clara River, the County will install 229 catch basins in the Unincorporated County Commercial and Industrial Land Use Areas within the boundary of the Upper Santa Clara River Watershed EWMP Group, in conjunction with the City of Santa Clarita's installation of catch basin inserts in similar City land use areas, as the group's 30-month early action structural project expected to be completed during the following reporting year.
- The County continued to maintain and regularly clean all its CPS and ARS.
- The County continued to participate in a billboard campaign about stormwater pollution prevention, which generated over 2.4 Million impressions during this reporting year.
- The County continued to promote the use of reusable bags and to update its [www.AboutTheBag.com](http://www.AboutTheBag.com) website.

- |   |     |
|---|-----|
| e) How many times were all Priority A basins cleaned last year? | N/A |
| f) How many times were all Priority B basins cleaned last year? | N/A |
| g) How many times were all Priority C basins cleaned last year? | 1   |

- h) How much total waste was collected in tons from catch basin clean-outs last year? **Approximately 10 tons**
- i) Attach a record of all catch basins in your jurisdiction. This shall identify each basin as City or County owned, and Priority A, B, or C. For all basins that are owned and operated by your agency, include dates that each was cleaned out over the past year.  
**Records for catch basin maintenance are too voluminous to attach to this report; they can be provided separately upon request.**
- j) Did your agency place and maintain trash receptacles at all transit stops within its jurisdiction. Yes ☒ No ☐
- k) How many new trash receptacles were installed last year? **7**
- l) Did your agency place special conditions for events that generated substantial quantities of trash and litter including provisions that:
- (1) Provide for the proper management of trash and litter generated from the event? Yes ☒ No ☐
- (2) Arrange for temporary screens to be placed on catch basins? Yes ☐ No ☒
- (3) Or for catch basins in that area to be cleaned out subsequent to the event and prior to any rain? Yes ☒ No ☐
- m) Did your agency inspect the legibility of the catch basin stencil or labels? Yes ☒ No ☐
- What percentage of stencils were legible? **100%**
- n) Were illegible stencils recorded and re-stenciled or re-labeled within 180 days of inspection? Yes ☒ No ☐
- o) Did your agency visually monitor Permittee-owned open channel storm drains and other drainage structures for debris at least annually and identify and prioritize problem areas of illicit discharge for regular inspection? Yes ☐ No ☐  
**N/A**
- Is the prioritization attached? Yes ☐ No ☐  
**N/A**
- p) Did your agency review its maintenance activities to assure that appropriate storm water BMPs are being utilized to protect water quality? Yes ☒ No ☐
- What changes have been made?  
**No significant changes were made during this reporting period. The County continues to review all standard maintenance procedures and use of BMPs to assure that they are being utilized appropriately as part of an overall iterative and adaptive strategy to improve urban and storm runoff quality. New or improved BMPs are evaluated and may be implemented as a pilot study.**
- q) Did your agency remove trash and debris from open channel storm drains a minimum of once per year before the storm season? Yes ☐ No ☐  
**N/A**

- r) How did your agency minimize the discharge of contaminants during MS4 maintenance and clean outs?

**The County primarily relies on manual labor for MS4 maintenance and cleanouts; heavy machinery is utilized as needed. Contractors are responsible for minimizing the discharge of contaminants during these operations. In addition, appropriate measures recommended in the California Stormwater Quality Association BMP Handbook are used to minimize the dispersal of contaminants.**

- s) Where is removed material disposed of?

**Material is brought to a drying bed for moisture removal. Then, it is dumped into solid waste bins and transported to an authorized disposal facility or legal dump sites. In addition, hazardous materials are picked up by a licensed vendor who is required to keep proper documentation.**

6. Streets and Roads Maintenance

- a) Did your agency designate streets and/or street segments within its jurisdiction as one of the following:

- (1) Priority A – streets and/or street segments that are designated as consistently generating the highest volumes of trash and/or litter? Yes ☒ No ☐

**All streets with curbs are swept weekly (except during rain storms). This frequency is more than the permit requires; thus classifying those road segments as Priority A.**

- (2) Priority B - streets and/or street segments that are designated as consistently generating moderate volumes of trash and/or litter? Yes ☐ No ☐ **N/A**

- (3) Priority C – streets and/or street segments that are designated as generating low volumes of trash and/or litter? Yes ☒ No ☐

**All streets without curbs are swept on an as-needed basis, but not less than once per year, which classifies these segments as Priority C.**

- b) Did your agency perform all street sweeping in compliance with the permit and according to the following schedule:

- (1) Priority A – These streets and/or street segments shall be swept at least two times per month? Yes ☒ No ☐

**Weekly, except during rainstorms.**

- (2) Priority B - Each Permittee shall ensure that each streets and/or street segments is cleaned at least once per month? **N/A** Yes ☐ No ☐

- (3) Priority C – These streets and/or street segments shall be cleaned as necessary but in no case less than once per year? Yes ☒ No ☐

**On as-needed basis, but not less than once a year.**

- c) Did your agency require that saw cutting wastes be recovered and disposed of properly and that in no case shall waste be left on a roadway or allowed to enter the storm drain? Yes ☒ No ☐

- d) Did your agency require that concrete and other street and road maintenance materials and wastes be managed to prevent pollutant discharges? Yes ☒ No ☐

- e) Did your agency require that the washout of concrete trucks and chutes only occur in designated areas and never into storm drains, open ditches, streets, or catch basins leading to the storm drain system? Yes ☒ No ☐
- f) Did your agency train its employees in targeted positions (whose interactions, jobs, and activities affect storm water quality) regarding the requirements of the storm water management program to:
- (1) Promote a clear understanding of the potential for maintenance activities to pollute storm water? and Yes ☒ No ☐
- (2) Identify and select appropriate BMPs? Yes ☒ No ☐
7. Parking Facilities Management
- a) Did your agency ensure that Permittee-owned parking lots be kept clear of debris and excessive oil buildup and cleaned no less than 2 times per month and/or inspected no less than 2 times per month to determine if cleaning is necessary. Yes ☒ No ☐
- Some parking lots are swept as much as once per week.**
- b) Were any Permittee-owned parking lots cleaned less than once a month? Yes ☐ No ☒
- How many?  
**N/A**
8. Public Industrial Activities Management
- a) Did your agency, for all municipal activity considered an industrial activity under USEPA Phase I storm water regulations, obtain separate coverage under the State of California General Industrial Activities Storm Water Discharge Permit no later than December 31, 2001? Yes ☒ No ☐
- b) Does your agency serve a population of less than 100,000 people? Yes ☐ No ☒
9. Emergency Procedures
- a) In case of real emergencies, did your agency repair essential public services and infrastructure in a manner to minimize environmental damage? Yes ☒ No ☐
- b) Were BMPs implemented to the extent that measures did not compromise public health and safety? Yes ☒ No ☐
10. Feasibility Study
- a) Did your agency cooperate with the County Sanitation Districts of Los Angeles County to prepare a study which investigates the possible diversion of dry weather flows or the use of alternative treatment control BMPs? Yes ☒ No ☐
- b) Did your agency review its individual prioritized list and create a watershed based priority list of drains for potential diversion and submit a listing of priority diversions to the Regional Board Executive Officer? Yes ☒ No ☐

F. Illicit Connections and Illicit Discharges (IC/ID) Elimination Program (Part 4.G)

1. Attach a copy of your agency's IC/ID Elimination Implementation Program (Part 4.G.1.a.).

**The existing IC/ID Elimination Program Manual employed by the County can be downloaded at [http://dpw.lacounty.gov/wmd/NPDES/model\\_links.cfm](http://dpw.lacounty.gov/wmd/NPDES/model_links.cfm). An update is currently in progress.**

2. Attach a map of your storm drain system showing all permitted connections (if available), and the locations of all illicit connections and discharges that occurred last year (Part 4.G.1.b). If your agency has not completed this requirement, describe the status of the development of a baseline map, including an expected completion date.

**The County's storm drain system is viewable online at <http://dpw.lacounty.gov/fcd/stormdrain/index.cfm>.**

**Information about permitted and suspected illicit connections and discharges is stored in an internal database (Maintenance Management System or MMS).**

3. Describe your enforcement procedures for eliminating illicit discharges and terminating illicit connections.

**Field staff responds immediately to reported spills and discharges, barricades the area, and contains any observed spills or discharges. If discharge material is identified as oil or paint, and it does not exceed a total volume of five gallons or 50 lbs, LACDPW's RMD collects and transfers it to a permitted hazardous waste storage site. If the discharge material is not identified as oil or paint, or exceeds a total volume of 5 gallons or total weight of 50 lbs, field staff calls a vendor for immediate clean up and files a Hazardous Material Release Response (HMRR) report. If a responsible party of the spill is identified, the responsible party is billed for the cleanup. Situations requiring formal enforcement (e.g., warning letter, NOV, referral to District Attorney, etc.) are referred to LACDPW's Environmental Program Division (EPD). Subsequent to such referrals, LACDPW's EPD follows the enforcement procedures for eliminating illicit discharges outlined in its "Illicit Discharge Response Procedures". Those Procedures will be included as an Attachment in the County's updated IC/ID Elimination Program Manual.**

4. Describe your record keeping system to document all illicit connections and discharges.

**Different record keeping systems are employed to document illicit connections and discharges, as described below.**

**Illicit Connections**

**The illicit connections are entered into the MMS and unique equipment numbers are assigned.**

**Illicit Discharges**

**After responding and cleaning up of spills/discharges, the field staff will document the discharge and gather any relevant information in a HMRR report. The information is entered into the MMS.**

**Illicit discharge complaints and referrals to EPD are initially documented in the HMS database program, and an inspection/investigation is created. If the discharge is determined not to be in our jurisdiction, the complaint is referred to the appropriate agency. If an illicit discharge is discovered during the inspection/investigation and the discharge ceases with no further follow up actions required, the complaint is**

**closed out. If the discharge requires further follow-up action(s) by EPD, a follow up will be done. A violation will be created and/or a Notice will be issued.**

5. What is the total length of open channel that your agency owns and operates? **0.5 mile**
6. What length was screened last year for illicit connections? **0.5 mile**
7. What is the total length of closed storm drain that your agency owns and operates? **55 miles**
8. What length was screened last year for illicit connections? **55 miles**
9. Describe the method used to screen your storm drains.

**LACDPW's Road Maintenance Division (RMD) performs visual inspections as part of its annual drainage inspection program. Typically the inspections are limited to the drainage inlets and outlets. These inspections are typically performed prior to the start of storm / rainy season (late summer / early fall).**

10. Provide the reporting data for illicit connections as suggested in the following table (you may submit a spreadsheet from your database that contains the information).

Year	Total # reported/ identified	Total # investigated	# that conveyed exempt discharges or NPDES permitted	# that conveyed illicit discharges that were terminated	# that were removed	# that resulted in enforcement action	# that resulted in <i>other</i> actions
01/02	2	2	0	2	2	0	0
02/03	4	4	0	4	4	0	0
03/04	0	0	0	0	0	0	0
04/05	0	0	0	0	0	0	0
05/06	0	0	0	0	0	0	0
06/07	0	0	0	0	0	0	0
07/08	1	1	0	1	1	0	1
08/09	2	1	0	1	1	0	2
09/10	2	1	0	1	1	0	2
10/11	0	0	0	0	0	0	0
11/12	4	3	0	3	3	0	0
12/13	0	0	0	0	0	0	0
13/14	0	0	0	0	0	0	0

11. Explain any other actions that occurred in the last year.

**None**

12. What is the average time it takes your agency to initiate an illicit connection investigation after it is reported? **Up to 21 days**

a) Were all identified connections terminated within 180 days? Yes ☒ No ☐

b) If not, explain why.

**N/A**

13. Provide the reporting data for illicit discharges as suggested in the following table (you may submit a spreadsheet from you database that contains this information).

Year	Total # reported	Total # that were discontinued/ cleaned up voluntarily through enforcement and the source was identified	# that were cleaned up but the source could not be identified	# that resulted in no evidence of discharge	# that were determined to be conditionally exempt	# that were exempt or in compliance and the source identified	# that resulted in enforcement action
01/02	18	2	16	0	0	0	0
02/03	73	0	73	0	0	0	0
03/04	11	0	11	0	0	0	0
04/05	77	0	77	0	0	0	0
05/06	65	0	65	0	0	0	0
06/07	39	0	39	0	0	0	0
07/08	219	0	219	7	0	0	0
08/09	72	7	59	28	1	4	1
09/10	34	9	25	3	0	0	0
10/11	6	3	3	1	0	0	0
11/12	2	0	1	1	0	0	0
12/13	7	0	5	2	0	0	0
13/14	75	40	26	12	0	0	0

14. What is the average response time after an illicit discharge is reported?

**One business day**

a) Did any response times exceed 72 hours?

Yes ☐ No ☒

b) If yes, explain why.

**N/A**

15. Describe your agency's spill response procedures.

**Existing spill response procedures are described in the County's IC/ID Elimination Program Manual dated June 2002 and Road Maintenance Division's Illicit Discharge Response Procedures Manual dated August 2014.**

**The existing spill response plan is currently being updated.**

**County staff responds to any spills immediately after being notified. The staff's role is to assess and contain the spill. Our staff will ensure that the area in question is secured, cleaned, and all unauthorized people are kept away. A vendor from an approved list is called in to do the actual cleanup. Our staff will document the spill and gather any relevant information on HMRR. This information is then entered into a database for tracking. If the spill is a plastic pellet spill, the Regional Board is notified within 24 hours of the agency becoming aware of the spill.**



16. What would you do differently to improve your agency's IC/ID Elimination Program?

**Once completed, the newly updated spill investigation and response plan is expected to improve program performance.**

17. Attach a list of all permitted connections to your storm sewer system.

**N/A**

## **V. Monitoring**

Briefly describe any storm water monitoring activities that are not required by Order No. 01-182 that your municipality conducted, participated in, or received funding to conduct in the past fiscal year. These activities should correspond with the dollar amount you listed in Table 2.

**The 2001 MS4 Permit contained three TMDLs; whereas the 2012 MS4 Permit contains 33 TMDLs. During the 2013-2014 reporting year, the County participated with other permittees in various TMDL monitoring programs pursuant to the 2012 MS4 Permit. A summary of these activities is included in Attachment J.**

**The County also participated in the following:**

- **Marina del Rey Harbor Passive Sediment Collection Pilot Study**

**The County, along with other agencies, extended a pilot study for one more year to test a Passive Sediment Collection method to capture storm-borne sediment to be used in the effectiveness monitoring phase. During the storm season, three monitoring stations were utilized to collect storm-borne sediment to determine if sufficient sediment can be collected so Copper, Lead, Zinc, Chlordane, and Total Polychlorinated biphenyls (PCBs) can be detected above the Minimum Detection Level. It is anticipated that a summary report of this study will be submitted to the Regional Board by the end of 2014.**

- **Ballona Low Flow Reconnaissance Study**

**This study is being performed by the County pursuant to the Time Schedule Order (TSO) request submitted by the County to the Regional Board for the Ballona Creek Dry-Weather Bacteria TMDL. While the TSO request is still under review by the Regional Board, the County proactively initiated this study. The study aims to characterize, quantify, and identify dry weather runoff in the unincorporated area of Ladera Heights and West Fox Hills. Results from the study will be used to better plan BMP solutions to address the Ballona Creek Bacteria TMDL. As part of this study, 15 ultra-sonic flow meters were installed at various locations in order to measure the amount of dry-weather runoff. Data was collected with the flow meters from January to June 2014. Bacteria sampling and visual observations were also performed in order to identify dry weather runoff sources. A report is currently being prepared for the study.**

- **Malibu Creek Microbial Source Tracking Study**

**This study is being performed by the County, in partnership with the Los Angeles County Flood Control District, in anticipation of a Time Schedule Order from the Regional Board to the County and the Los Angeles County Flood Control District for the Dry Weather Malibu Creek Bacteria TMDL. This study will determine if the sources of bacteria in the Malibu Creek Watershed are anthropogenic or natural. If the sources are determined to be anthropogenic, then the sources will be tracked and identified. Tracking efforts will include analyzing developed areas with storm drain outfalls and a**

geographic information systems-based analysis of what land uses and drainage areas are contributing to the associated tributaries and storm drains.

- **Area of Special Biological Significance (ASBS) 24 Monitoring**

The County is participating in the Bight '13 monitoring of ASBS 24. The County's involvement is twofold. For one, the County is contributing funds to the efforts being performed by the Southern California Coastal Water Research Project. Those efforts include Rocky Intertidal Biological Monitoring, Bioaccumulation Testing, Reference Monitoring, and Plume Tracking. Additionally, the County is performing Receiving Water Monitoring and Outfall Discharge Monitoring. Those efforts involve monitoring sites in the ocean and 12 storm drains discharging into the ocean to help determine if the natural water quality of the ocean, as defined by the State Water Quality Control Board, is being affected by stormwater runoff.

- **Marina del Rey Parking Lot 5 & 7 BMP Effectiveness Monitoring**

The County completed the collection of pre-construction water quality data per the Marina del Rey Parking Lot 5 & 7 BMP Effectiveness Monitoring Plan developed in October 2013. The data will be used as a baseline to which post-construction conditions will be compared. Post-construction water quality monitoring is scheduled to commence during the 2014-15 wet season.

Although monitoring activities have not begun for all, the County is collaborating with other agencies through the EWMP and CIMP mechanisms on future monitoring requirements for the following TMDLs:

- Ballona Creek Wetlands TMDL for Sediment and Invasive Exotic Species (USEPA est. TMDL)
- Dominguez Channel and Greater Los Angeles and Long Beach Harbor Waters Toxic Pollutants TMDL
- Lake Elizabeth, Munz Lake, and Lake Hughes Trash TMDL
- Los Angeles Area Lakes TMDLs for Legg Lake and Peck Road Park Lake, and Puddingstone Reservoir
- Los Angeles Harbor Bacteria TMDL
- Los Angeles River Watershed Bacteria TMDL
- Los Angeles River Nitrogen Compounds and Related Effects
- Los Cerritos Channel Metals TMDL
- Machado Lake Nutrients TMDL
- Machado Lake Toxics TMDL
- Malibu Creek Nutrient TMDL
- Malibu Creek and Lagoon Sedimentation and Nutrients Impacting Benthic Community TMDL
- San Gabriel River and Impaired Tributaries Metals and Selenium TMDL
- Santa Clara River Nitrogen Compounds TMDL
- Santa Monica Bay Nearshore and Offshore Debris TMDL
- Santa Monica Bay TMDL for DDTs and PCBs

The County is collaborating with other agencies outside of the EWMP/CIMP process on implementing monitoring requirements for the following TMDLs:

- **Dominguez Channel and Greater Los Angeles and Long Beach Harbor Waters Toxic Pollutants TMDL**

## **VI. Assessment of Program Effectiveness**

- A. Attach a summary of the effectiveness of your storm water management program. This summary should include, at a minimum, the following:
1. An assessment of your agency's compliance with permit requirements, based on your responses to the questions in this form;
  2. Descriptions of any evaluation methods that your agency uses to determine the effectiveness of your storm water management program;
  3. A summary of the strengths and weaknesses of your agency's storm water management program;
  4. A list of specific program highlights and accomplishments;
  5. A description of water quality improvements or degradation in your watershed over the past fiscal year;
  6. Interagency coordination between cities to improve the storm water management program;
  7. Future plans to improve your agency's storm water management program; and
  8. Suggestions to improve the effectiveness of your program or the County model programs.

### **See Attachment K**

- B. On a scale of 1 to 10 (10 being full implementation of requirements by their deadlines), rate your municipality's level of compliance with Order No. 01-182.

**10 – The County of Los Angeles has implemented all permit requirements.**

- C. List any suggestions your agency has for improving program reporting and assessment.

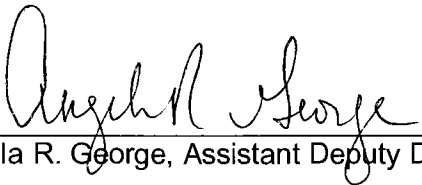
**None at this time.**

**VII. Certification Statement**

"I certify under penalty of law that this document and all Attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations."

Executed on the 15<sup>th</sup> day of December 2014 at Alhambra, California.



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Angela R. George, Assistant Deputy Director